# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 28 | vcsel and tunnel near3 junction and 372/43.01.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 10:42 |
| L2 | 17 | strain and tunnel near3 junction and 372/43.01.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 10:40 |
| L3 | 1 | tensile near3 strain and tunnel near3 junction and hydrostatic near3 strain | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 11:18 |
| L4 | 18 | vcsel and tunnel near3 junction and 372/50.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 10:43 |
| L5 | 3 | strain and tunnel near3 junction and 372/50.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 10:49 |
| L6 | 1 | strain and tunnel near3 junction and 372/50.124.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 10:50 |
| L7 | 0 | strain and tunnel near3 junction and 372/45.011.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 10:50 |
| L8 | 0 | vcsel and tunnel near3 junction and 372/45.011.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 10:53 |
| L9 | 0 | tunnel near3 junction and 372/45.011.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 10:53 |

# EAST Search History

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|---|---|---|---|---|---|---|
| L10 | 101 | 372/45.011.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/26 10:53 |
| L11 | 0 | (tensile near3 strain and tunnel near3 junction and hydrostatic near3 strain).clm. | US-PGPUB | OR | OFF | 2006/06/26 10:55 |
| L12 | 4905 | tensile and hydrostatic | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/26 11:19 |
| L13 | 59 | (tensile and hydrostatic) with strain | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/26 11:19 |
| L14 | 452 | (tensile same hydrostatic) same (strain or stress) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/26 11:25 |
| L15 | 2 | 14 and tunnel near3 junction | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/26 11:20 |
| L16 | 231 | (tensile same (hydrostatic with (strain$3 or stress))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/26 11:26 |
| L17 | 16 | 16 and "257"/$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/26 12:40 |
| L18 | 1984 | tunnel near3 junction and "257"/$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/26 12:40 |
| L19 | 5 | 18 and tensile and strain and bandgap and mobility | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2006/06/26 12:43 |

# EAST Search History

| S1 | 150 | vcsel and tunnel near3 junction | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/06/26 10:38 |
|---|---|---|---|---|---|---|
| S2 | 44 | vcsel and (tunnel near3 junction) with gaas | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/06 15:09 |
| S3 | 2 | (("6493372") or ("6493373")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/12/06 15:09 |
| S4 | 73 | vcsel and tunnel near3 junction and long near3 wavelength and dbr | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/06 15:53 |
| S5 | 55 | vcsel and tunnel near3 junction and long near3 wavelength and dbr and substrate with InP | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/06 16:05 |
| S6 | 4 | vcsel and ((tunnel near3 junction) with (zinc or zn)) and long near3 wavelength and dbr and substrate with InP | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/06 16:06 |
| S7 | 12 | (pseudomorphic$$ with (tunnel near3 junction)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/07 14:01 |
| S8 | 1 | ("6765238").PN. | US-PGPUB; USPAT | OR | OFF | 2005/12/07 17:21 |
| S9 | 0 | S8 and spacer | US-PGPUB; USPAT | OR | OFF | 2005/12/07 14:02 |
| S10 | 23 | tunnel near3 junction with spacer and dbr and vcsel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2005/12/07 17:31 |